



Attorney's Docket No. 038470/255206

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Ng et al. Confirmation No.: 7759  
Appl. No.: 10/651,499 Art Unit: 2882  
Filed: 08/29/2003  
For: CRYSTALLIZATION CASSETTE FOR THE GROWTH  
AND ANALYSIS OF MACROMOLECULAR CRYSTALS  
AND AN ASSOCIATED METHOD

April 1, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

Timothy J. Balts  
Registration No. 51,429

**Customer No. 00826**  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Charlotte Office (704) 444-1000  
Fax Charlotte Office (704) 444-1111

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on April 1, 2004.

  
Grace R. Rippey



Substitute for form 1449/PTO  
(Revised 04/2003)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/651,499
Filing Date	08/29/2003
First Named Inventor	Ng
Group Art Unit	
Examiner Name	
Attorney Docket Number	038470/255206

Sheet	1	of	3
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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	US-3,337,304	08/22/1967	Lorenzini	
	2	US-3,499,736	03/10/1970	Zwaneburg	
	3	US-4,755,363	07/05/1988	Fujita et al.	
	4	US-4,886,646	12/12/1989	Carter et al.	
	5	US-4,917,707	04/17/1990	Claramonte et al.	
	6	US-5,078,975	01/07/1992	Rhodes et al.	
	7	US-5,096,676	03/17/1992	McPherson et al.	
	8	US-5,130,105	07/14/1992	Carter et al.	
	9	US-5,363,797	11/15/1994	Uenishi et al.	
	10	US-5,419,278	05/30/1995	Carter	
	11	US-5,552,127	09/03/1996	Asano	
	12	US-5,641,681	06/24/1997	Carter	
	13	US-5,643,540	07/01/1997	Carter et al.	
	14	US-5,861,306	01/19/1999	Pugh et al.	
	15	US-5,961,934	10/05/1999	Arnowitz et al.	
	16	US-6,039,804	03/21/2000	Kim et al.	
	17	US-6,060,028	05/09/2000	Yoneda et al.	
	18	US-6,174,365	01/16/2001	Sanjoh	
	19	US-6,267,935	07/31/2001	Hol et al.	
	20	US-6,409,832	06/25/2002	Weigl et al.	

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	2	of	3	Attorney Docket Number	038470/255206

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	21	US-6,447,602	09/10/2002	Beswick	
	22	US-6,447,726	09/10/2002	Delucas et al.	
	23	US-6,468,346	10/22/2002	Arnowitz et al.	
	24	US-2001/0027745 A1	10/11/2001	Weigl et al.	
	25	US-2002/0064485 A1	05/30/2002	Delucas et al.	
	26	US-2002/0100411 A1	08/01/2002	Arnowitz et al.	
	27	US-2002/0106318 A1	08/08/2002	Delucas et al.	
	28	US-2002/0122760 A1	09/05/2002	Delucas et al.	
	29	US-2002/0164653 A1	11/07/2002	Downs	
	30	US-2002/0164812 A1	11/07/2002	DeLucas	
	31	US-2002/0189529 A1	12/19/2002	David et al.	
	32	US-2002/0195046 A1	12/26/2002	David et al.	
	33	US-2003/0003036 A1	01/02/2003	Rouleau et al.	
	34	US-2003/0022383 A1	01/30/2003	DeLucas	
	35	US-2003/0022384 A1	01/30/2003	DeLucas	
	36	US-2003/0027348 A1	02/06/2003	DeLucas et al.	
	37	US-2003/0075101 A1	04/24/2003	Weigl et al.	
	38	US-2003/0096421 A1	05/22/2003	DeLucas et al.	

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Sheet	3	of	3	Attorney Docket Number	038470/255206

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

OTHER DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	39	GAVIRA ET AL., <i>Ab Initio</i> Crystallographic Structure Determination Of Insulin From Protein To Electron Density Without Crystal Handling, <i>Acta Cryst.</i> , July, 2002, 58, pp. 1147-1154	*** **
	40	NG ET AL., Protein Crystallization By Capillary Counterdiffusion For Applied Crystallographic Structure Determination, <i>Journal Of Structural Biology</i> , 142, pp. 218-231, 2003	***

CLT01/4624475v1

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